

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/03382

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01F23/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 1 121 661 A (SPAHN, VICTOR) 23 August 1956 (1956-08-23) the whole document -----	1-3,10
A	EP 0 360 405 A (TEXAS INSTRUMENTS INC) 28 March 1990 (1990-03-28) column 3, line 1 - column 4, line 48; figures 1-3 -----	1-3,10
A	EP 0 405 835 A (TEXAS INSTRUMENTS INC) 2 January 1991 (1991-01-02) column 3, line 14 - column 5, line 45; figures 1-4 -----	1-3,10
A	US 6 237 412 B1 (MORIMOTO HIDEO) 29 May 2001 (2001-05-29) column 5, line 1 - column 7, line 37; figures 1-9 -----	1-3,10

☐

Further documents are listed in the continuation of box C.

☒

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- * & * document member of the same patent family

Date of the actual completion of the international search

25 March 2004

Date of mailing of the international search report

01/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Boerrigter, H

INTERNATIONAL SEARCH REPORT

International Application No

PCT/FR 03/03382

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 1121661	A	23-08-1956	NONE	
EP 0360405	A	28-03-1990	EP JP	0360405 A2 2082119 A
				28-03-1990 22-03-1990
EP 0405835	A	02-01-1991	EP JP	0405835 A2 3130622 A
				02-01-1991 04-06-1991
US 6237412	B1	29-05-2001	JP JP JP US	11051745 A 11083595 A 11094630 A 2001000851 A1
				26-02-1999 26-03-1999 09-04-1999 10-05-2001